

CLAIMS

- 1/ Method for performing a short-range wireless transaction between an hybrid wireless terminal and a service terminal, said hybrid terminal being able to communicate over a first interface with a radio communication network
- 5 and over a second interface for short-range wireless access with said service terminal, said hybrid wireless terminal comprising a user authentication information for authenticating a user in said radio communication network, said method being characterized in that it comprises the steps of:
- transmitting over said second interface a message to said service terminal
 - 10 comprising said user authentication information;
 - authenticating said user at said service terminal by checking said received user authentication information against an authentication database;
 - enabling said transaction if said user authentication has been successful.
- 15 2/ Method according to claim 1, characterized in that said authentication database is shared by said service terminal and said radio communication network.
- 3/ Method according to claim 2, characterized in that said authentication
- 20 database is the Home Location Register of said radio communication network.

4/ Method according to any of the claims 1, characterized in that said interface for short-range access at said hybrid wireless terminal and at said service terminal are compliant with the Bluetooth standard.

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5/ Method to any of the claims 1, characterized in that said user authentication information is part of a Subscriber Identity Module card.

6/ Service terminal adapted to perform a transaction over a short-range wireless interface, comprising:

- means for receiving a user authentication information from a wireless terminal, said user authentication information being dedicated to authenticate a user in a radio communication network;
- an authentication module for authenticating said user at said service terminal by checking said received user authentication information against an authentication database of said radio communication network, said authentication module enabling said transaction if said authentication has been successful.

7/ Service terminal according to claim 6 characterized in that it further comprises decryption means for decrypting said received user authentication information according to a predefined decryption algorithm.

8/ Wireless terminal comprising a first part for communicating with a radio communication network and a second part for communicating with a service terminal over a short-range wireless interface, said first part comprising a user authentication module for authenticating a user in said radio communication network, said second part having access to said user authentication module and transmitting at least an user authentication information contained in said

user authentication module over said short-range wireless access interface to said service terminal for authenticating said user in said service terminal.

- 9/ Wireless terminal according to claim 8, characterized in that it further
5 performs encryption of said user authentication information according to a predefined encryption algorithm before transmitting said user authentication information over said short-range wireless interface.